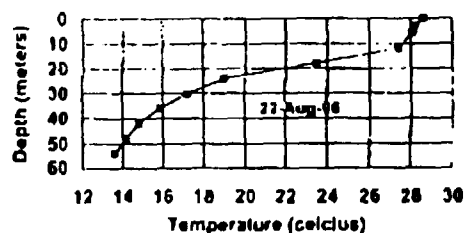


Spring & Summer Temperature Profile Lake Mead

In the spring and summer, the lake water begins to thermally stratify. A thermocline develops that separates the cold, lower zone from the warm upper zone and acts as a barrier any mixing. During this time period the warm Las Vegas Wash water enters the lake and lays on top of the thermocline. There is no mixing between the upper and lower zones.



Winter Temperature Profile Lake Mead

In the winter, water temperatures are constant from the lake's surface to the bottom. All water sources entering the lake are completely mixed and water quality parameter values remain consistent throughout the water column.

